Members:
- Michael Freeman

- Liam Pol

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Molecule creator

Problem:
It is hard for children to visualise what happens when 2 or more molecules combine with each other since either the materials are hard to find around us or it is dangerous to handle directly, making learning process not as fun and interactive as it could be.

SOI:
We intend to make a educational peice of software for children in the chemistry classroom. The point of this software is to allow kids to play with elements and molecules to learn via experimentation what everyday substances are made of, and also stay safe while doing it. Our software will have a menu of elements to be dragged and dropped into an area, and when the student has added the wanted elements, can press play and see if they form into a molecule. For example, if the student adds two hydrogen atoms and one oxygen atom, and presses play, it will form water. Colour scheme would be simple, vibrant and the software will be in the form of a two dimentional "game". This sofware will help the Science Education department under the DSSM to help educate students.

Github Repo: https://github.com/MackFree/hackathon